

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi TAKAHASHI Group Art Unit: 2857  
Appl. No. : 10/549,319 Examiner: Mary C. BARAN  
Filed : March 16, 2004 Confirmation No.: 8216  
For : WAVE DETECTION DEVICE, METHOD, PROGRAM, AND  
RECORDING MEDIUM

**RESPONSE UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop AMENDMENT  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir :

In response to the outstanding official action of September 3, 2009, in which a three month shortened statutory period for response was set to expire on December 3, 2009, Applicant respectfully requests reconsideration and withdrawal of each outstanding objection and rejection set forth in the above mentioned official action, in view of the herein contained amendments and remarks:

**Amendments to the Claims** begin on page 2 of this paper:

**Remarks** begin on page 12 of this paper: